

**ABSTRACT:**

The invention relates to a high-pressure discharge lamp having a discharge vessel with a ceramic wall which is closed at an end by a projecting plug. A lead-through construction inside the projecting plug leads to an electrode inside the discharge vessel. Part of the lead-through construction is formed by a cermet, which extends fully inside the lead-through element.

According to the invention, the cermet is directly fastened to the projecting plug by means of a sintered joint.

Fig. 2